



# **TACOM**

Lethality, Survivability, Mobility and  
Sustainment for America's Army

Leadership  
Teaming  
Communication  
Employee Support  
Strategic Thinking  
Organizational Climate

## **Automatic Identification Technology (AIT) for Small Arms**

**22 September 2004**

**Briefer: Sid Kemmis  
Executive Agent  
Small Arms Logistics**

**Committed to Excellence - Supporting America's Warfighter**

22 Sep 2004



# AGENDA

Leadership  
Teaming  
Communication  
Employee Support  
Strategic Thinking  
Organizational Climate

- **Background**
- **Hardware**
- **AIT Logistic Processes**
- **Cost/Savings**
- **What's Our Role?**
- **Plan of Action/Milestones**
- **Summary**



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# BACKGROUND DEMONSTRATIONS

- **Proof of Concept Demonstration, 300<sup>th</sup> Area Support Group, Ft. Lee, VA, 2001, 130 weapons**
- **Proof of Concept Demonstration, Fort Eustis, VA, Headquarters Company (HHC), Seventh Transportation Group, 2001, 125 weapons**
- **Proof of Principal, Naval Amphibious Base Coronado, San Diego, California, Navel Special Warfare Command (WARCOM), SEAL Team Five, 2001, 3668 items**



# BACKGROUND



## DEMONSTRATIONS

- **Proof of Principal, Navy Smart Card Office Pilot, Hawaii, 2001, 250 weapons**
- **Proof of Concept Demonstration, JFK Special Warfare Center and School (SWCS) Arms Room, Ft. Bragg, NC, 2003-2004, 8200 weapons**



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# HARDWARE

*...Using proven, reliable COTS products*

- **Symbol 2800 series  
Palm sized computer  
system running the  
Microsoft  
Pocket PC operating  
system**
- **MacSema 4K Micro  
buttons**
- **Dell desktop  
workstations using  
Windows XP**



4K Micro Buttons





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# HARDWARE

*...CMB placement*

**CMB attached to receiver  
near serial number on the  
accountable portion**





# LOGISTICS PROCESSES

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- **Inventories**
- **Receipt/Issue of weapons**
- **Unique Item Tracking (UIT)**
- **Reports**
  - ✓ **Weapons Available**
  - ✓ **Inventory Activity**
  - ✓ **Issued Weapons**
  - ✓ **Inventory Reconciliation**



# COST TO OUTFIT ARMS ROOM

Leadership  
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• CMB's (300@\$11.61)				\$3,483
• Hardware	\$1,650			
• Installation/Set-up		\$1,000		
• Training/Sustainment		<u>\$2,500</u>	TOTAL	\$ 8,633





# EFFICIENCY per COMPANY

Leadership  
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Communication  
Employee Support  
Strategic Thinking  
Organizational Climate

## PROCESS AS IS TO BE

<b>INVENTORIES (12/yr)</b>	<b>180 Hrs</b>	<b>15 Hrs</b>
<b>ISSUE/RECEIPT (240/yr)</b>	<b><u>1440 Hrs</u></b>	<b><u>480 Hrs</u></b>
<b>TOTAL</b>	<b>1620 Hrs</b>	<b>495 Hrs</b>

**ANNUAL SAVINGS = 1125 Hrs**



# What's Our Role?

Leadership  
Teaming  
Communication  
Employee Support  
Strategic Thinking  
Organizational Climate

- **POM Funding**
- **Software Development Contract**
- **Prototype/Testing**
- **Training**
- **Fielding**



# PLAN OF ACTION



- **Establish MOA with PM Soldier Weapons Jul 04**
- **SOW for Software Development Aug 04**
- **Contract with NAVAIR for software Oct 04**
- **Reconfigure Hardware/Software Nov/Dec 04**
- **Conduct Prototype/Testing Feb 05**
- **Field AIT with M8 Sep 05**
- **Support Hardware/Software infrastructure Ongoing**

